

U. S. ENVIRONMENTAL PROTECTION AGENCY

POLLUTION REPORT

DATE: November 21, 1987

Region II
Response and Prevention Branch
Edison, New Jersey 08837

(201) 548-8730 - Commercial & FTS
24 Hour Emergency

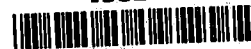
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TAT

POLREP NO.: Twenty-five (25)
INCIDENT/SITE NO.: Arkansas Chemical Company/T9
POLLUTANT: Textile chemicals and intermediates
CLASSIFICATION: Major
SOURCE: Abandoned chemical facility
LOCATION: Newark, New Jersey
AMOUNT: 20,000 containers of various chemicals,
1500 drums (600 empty), 87 indoor and
outdoor tanks of which less than ten hold
oil, acid, and unknowns
WATER BODY: None

1. SITUATION

- A. The Arkansas Chemical Company produced textile and other specialty chemicals at its Newark facility until it was abandoned in 1983. Abandoned on this site are a two-story office/laboratory building (Bldgs. 25/30), a machine shop (Bldg. 26), a small chemical processing building (Bldg. 27), a large four-story chemical process building (Bldg. 28), a boiler room/tank house (Bldgs. 16 & 16B), a storage building (Bldg. 24), and two sheds (S1 & S2). About 1500 drums and 20,000 small containers of chemicals exist in these buildings. In addition, there are approximately 17 aboveground storage tanks and 70 process tanks/reaction vessels.

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2. ACTION TAKEN:

- A. To date, the following materials have been transferred to bulking chambers with the corresponding empty drums being staged in building 24 awaiting decontamination and shredding:
 - 1) base/neutral liquids (approx. 27% of waste streams)
 - 2) flammable and organic liquids (approx. 15% of waste streams)
 - 3) oxidizer liquids (with base/neutral liquids) (approx. < 1%)
- B. ERCS began to wrap the asbestos insulation on the boilers and piping in building 16.
- C. ERCS has completed the air sampling for asbestos in buildings 28, 24 and 16. The samples will be sent to EMSL laboratory in Cherry Hill for analysis.
- D. EPA, ERCS and TAT met on Thursday November 19, 1987 to discuss disposal of the remaining waste streams. ERCS' Transportation and Disposal Representative was also present. As a result, the base neutral solids and acid solids (19,203 gallons or 25% of total waste) will be landfilled. The remaining waste streams (55,789 gallons) will either be treated or incinerated.
- E. EPA/TAT and ERCS continue to enter 1900-55 data into the Removal Cost Management System (RCMS). RCMS is now on line and is being used to track daily costs incurred throughout the removal action.

3. FUTURE PLANS AND RECOMMENDATIONS:

- A. ERCS will arrange for alternate disposal for the nineteen laboratory containers that were rejected by Chem Waste Management. These containers are especially hazardous, and thus were not accepted for lab packing.
- B. EPA will continue to provide 24 hour site security.
- C. An approved subcontractor will perform on-site decontamination and shredding of the empty drums following the completion of the bulking operation.
- D. EPA and TAT will evaluate the bids submitted by subcontractors for decontaminating the floors of building 28 using a high pressure water system.
- E. ERCS will analyze the remaining waste streams for disposal.
- F. Gollub Analytical Services will pick up the two unlabelled cylinders to analyze their contents.

4. FINANCIAL ACCOUNTING:

A. Total Project Ceiling Authorized	\$ 1,966,009
B. Mitigation Contract Ceiling	\$ 1,598,009
C. Expenditures for Mitigation Contracts	
1. a. Amount obligated to ERCS contractor for Delivery Orders #6893-02-073 and #7445-02-008 (DCNs KCS - 361, 629, 633, 710, 726, 730, KE - 0001, 0027) as of November 21, 1987.	\$ 1,025,380
1. b. Amount de-obligated due to contract rollover	\$ 1,991
1. c. Total amount obligated to date	\$ 1,023,389
1. d. Estimated mitigation expenditures as of November 21, 1987	\$ 840,924
1. e. Balance Remaining	\$ 182,465
D. Unobligated Balance Remaining	\$ 572,629
E. Estimate of Total Expenditures to Date for All Mitigation Contracts	\$ 840,924
F. Other Extramural Costs as of November 21, 1987	
1. a. TAT Salary/Travel (estimated)	\$ 65,122
b. Analytical Costs	\$ 6,628
G. Intramural Costs as of November 21, 1987	
1. a. EPA (Estimated Direct and Indirect)	\$ 37,692
H. Total Expenditures	\$ 950,366
Percent of Total Project Ceiling	48.3%
Percent of \$2 Million	47.5%

FINAL POLREP _____ FURTHER POLREPS FORTHCOMING ☒ SUBMITTED BY: Mark P. Pane
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Response and
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DATE RELEASED: NOVEMBER 23, 1987